

## ABSTRACT

### 5     PROCESS FOR MEASURING A THREE-DIMENSIONAL OBJECT OR A          SET OF OBJECTS

10     In this system, three-dimensional objects (1, 5,  
         6) in an environment that may be very complex are  
         discerned by identifying their simple contour shapes on  
         images, and the geometric characteristics of these  
         objects and their positions and orientations are then  
         measured. Contours are defined by simple length,  
         inclination, position parameters, etc.. The acquired  
15     knowledge of the environment is used in each new image  
         to refine the estimates, while introducing new object  
         contours that have appeared, into the model.

20     Figure 1A